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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended August 19, 1988 NO. 33

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/19/88	Last Week Ending: 08/12/88	Last Year Week Ending: 08/21/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,899	13,947	13,545	-48	354
Operable capacity	15,917	15,917	15,692	0	225
Percent operated	87.3	87.6	86.3		
Motor Gasoline					
Total motor gasoline production	7,041	6,946	6,941	95	100
Finished leaded motor gasoline production	1,199	1,295	1,615	-96	-416
Finished unleaded motor gasoline production	5,842	5,651	5,326	191	516
Total motor gasoline stocks	214,752	214,403	227,674	349	-12,922
Finished leaded motor gasoline stocks	43,381	44,268	52,904	-887	-9,523
Finished unleaded motor gasoline stocks	134,460	133,439	135,166	1,021	-706
Jet Fuel Kerosine					
Jet fuel kerosine production	1,161	1,101	1,153	60	8
Jet fuel kerosine stocks	39,246	40,051	41,260	-805	-2,014
Distillate Fuel Oil					
Distillate fuel oil production	2,842	2,805	2,735	37	107
Distillate fuel oil stocks	123,003	120,927	121,324	2,076	1,679
Residual Fuel Oil					
Residual fuel oil production	840	842	951	-2	-111
Residual fuel oil stocks	38,989	40,966	42,096	-1,977	-3,107
Imports					
Crude oil imports	4,459	5,563	5,769	-1,104	-1,310
Product imports	1,893	1,930	1,636	-37	257
Crude Oil Stocks					
Crude oil stocks	340,046	344,316	330,466	-4,270	9,580
Crude Supply Balance	696				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,547	1,308	1,312	1,380	95.1
Appal. No. 1	109	106	107	107	100.0
DISTRICT 1 TOTAL	1,656	1,414	1,419	1,487	95.4
Ind., Ill., Ky.	2,187	2,082	2,106	2,254	93.4
Minn., Wisc., Daks.	343	340	341	312	109.3
Okla., Kans., Mo.	744	701	705	718	98.2
DISTRICT 2 TOTAL	3,274	3,123	3,152	3,284	96.0
Inland Texas	527	488	493	564	87.4
Texas Gulf Coast	3,473	3,219	3,241	3,580	90.5
La. Gulf Coast	2,257	2,119	2,156	2,908	74.1
N. La. and Ark.	214	205	208	252	82.5
New Mexico	87	76	78	76	102.6
DISTRICT 3 TOTAL	6,558	6,107	6,176	7,380	83.7
DISTRICT 4 TOTAL	520	508	520	535	97.2
DISTRICT 5 TOTAL	2,653	2,609	2,632	3,231	81.5
TOTAL U.S.	14,661	13,761	13,899	15,917	87.3
TOTAL U.S. Weeks Ended:					
AUG. 12, 1988	14,723	13,776	13,947	15,917	87.6
AUG. 21, 1987	14,653	13,430	13,545	15,692	86.3
DISTRICTS 1-4 Weeks Ended:					
AUG. 19, 1988	12,008	11,152	11,267	12,686	88.8
AUG. 12, 1988	12,069	11,159	11,293	12,686	89.0
AUG. 21, 1987	12,017	10,869	10,993	12,433	88.4

API WEEKLY STATISTICAL BULLETIN

Week Ended August 19, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	626	25	601	32	66	338	143
Appal. No. 1	42	7	35	--	--	34	2
DISTRICT 1 TOTAL	668	32	636	32	66	372	145
Ind., Ill., Ky.	1,271	166	1,105	9	142	355	52
Minn., Wisc., Daks.	149	34	115	1	18	80	6
Okla., Kans., Mo.	355	110	245	11	46	180	2
DISTRICT 2 TOTAL	1,775	310	1,465	21	206	615	60
Inland Texas	263	51	212	21	30	103	13
Texas Gulf Coast	1,620	183	1,437	44	264	657	109
La. Gulf Coast	1,160	214	946	23	228	456	117
N. La. and Ark.	52	3	49	4	4	53	7
New Mexico	40	14	26	11	2	17	--
DISTRICT 3 TOTAL	3,135	465	2,670	103	528	1,286	246
DISTRICT 4 TOTAL	265	104	161	17	33	117	11
DISTRICT 5 TOTAL	1,198	288	910	61	328	452	378
TOTAL U.S.	7,041	1,199	5,842	234	1,161	2,842	840
TOTAL U.S. Weeks Ended:							
AUG. 12, 1988	6,946	1,295	5,651	209	1,101	2,805	842
AUG. 21, 1987	6,941	1,615	5,326	193	1,153	2,735	951
DISTRICTS 1-4 Weeks Ended:							
AUG. 19, 1988	5,843	911	4,932	173	833	2,390	462
AUG. 12, 1988	5,730	993	4,737	164	769	2,356	526
AUG. 21, 1987	5,772	1,313	4,459	157	810	2,307	552

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,605	534	3,070	1	74	335	5,776	901	--
Central Atlantic	26,741	3,981	17,959	4,801	570	5,450	26,186	11,819*	13,686
Lower Atlantic	29,966	6,030	23,725	211	551	5,103	14,482	2,808	478
DISTRICT 1 TOTAL	60,312	10,545	44,754	5,013	1,195	10,888	46,444	15,528*	14,164
DISTRICT 2 TOTAL	59,818	14,514	37,657	7,647	1,142	7,669	30,288	4,122	16,272
DISTRICT 3 TOTAL	62,002	10,387	36,923	14,692	2,780	13,204	32,346	12,049	51,008
DISTRICT 4 TOTAL	5,555	1,809	2,200	1,546	359	854	3,095	526	2,017
DISTRICT 5 TOTAL	27,065	6,126	12,926	8,013	1,434	6,631	10,830	6,764	28,490
TOTAL U.S.	214,752	43,381	134,460	36,911	6,910	39,246	123,003	38,989	111,951
TOTAL U.S. Weeks Ended:									
AUG. 12, 1988	214,403	44,268	133,439	36,696	7,010	40,051	120,927	40,966*	113,379
AUG. 21, 1987	227,674	52,904	135,166	39,604	6,795	41,260	121,324	42,096	104,367
DISTRICTS 1-4 Weeks Ended:									
AUG. 19, 1988	187,687	37,255	121,534	28,898	5,476	32,615	112,173	32,225	83,461
AUG. 12, 1988	186,961	38,488	120,017	28,456	5,617	32,703	109,721	33,545*	84,143
AUG. 21, 1987	196,824	45,895	119,116	31,813	5,022	35,725	111,999	34,036	81,514

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended August 19, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Mar. 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 19, 1988	5,106.0	5,177.0	4,295	741	267,927
AUG. 12, 1988	5,106.0	--	5,415	595	270,873
AUG. 5, 1988	5,114.0	--	5,375	601	277,158
JUL. 29, 1988	5,114.0	--	5,001	596	277,442*
DISTRICT 5 TOTAL					
AUG. 19, 1988	3,057.0	3,163.0	164	7	72,119 #
AUG. 12, 1988	3,057.0	--	148	11	73,443
AUG. 5, 1988	3,041.0	--	374	10	70,764
JUL. 29, 1988	3,041.0	--	76	9	70,871
TOTAL U.S.					
AUG. 19, 1988	8,163.0	8,340.0	4,459	748	340,046 #
AUG. 12, 1988	8,163.0	--	5,563	606	344,316
AUG. 5, 1988	8,155.0	--	5,749	611	347,922
JUL. 29, 1988	8,155.0	--	5,077	605	348,313*
AUG. 21, 1987	8,210.0 a/	--	5,769	680	330,466

#INCLUDES 21,001 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for August 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	Positive	Negative
AUG. 19, 1988	696	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
AUG. 19, 1988	15,534	75,635	164,714	12,044	267,927	72,119 #	340,046 #
AUG. 12, 1988	16,365	77,842*	164,330*	12,336*	270,873*	73,443	344,316*
AUG. 21, 1987	17,557	67,549	163,353	11,252	259,711	70,755	330,466

[1]See definitional notes, Page 6.

*See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	86	--	86	--	--	--	146	--	10	--	--	242
Central Atlantic	127	--	127	73	--	47	73	423	10	45	100	898
Lower Atlantic	272	34	238	--	--	33	12	--	--	--	11	328
DISTRICT 1 TOTAL												
AUG. 19, 1988	485	34	451	73	--	80	231	423	20	45	111	1,468
AUG. 12, 1988	323	--	323	68	--	42	163	517	26	23	67	1,229
AUG. 5, 1988	431	32	399	68	--	45	153	440	9	132	63	1,341
JUL. 29, 1988	664	121	543	64	--	48	344	432	39	129	112	1,832
DISTRICTS 2-4 TOTAL												
AUG. 19, 1988	22	--	22	--	3	78	6	56	83	107	12	367
AUG. 12, 1988	14	--	14	33	4	30	5	59	149	162	203	659
AUG. 5, 1988	21	--	21	--	3	16	8	28	50	220	2	348
JUL. 29, 1988	59	--	59	--	3	17	8	55	167	369*	214	892*
DISTRICT 5 TOTAL												
AUG. 19, 1988	28	1	27	--	--	9	5	8	7	1	--	58
AUG. 12, 1988	18	--	18	--	--	6	2	9	5	2	--	42
AUG. 5, 1988	31	3	28	1	--	8	2	7	4	--	--	53
JUL. 29, 1988	28	--	28	1	--	8	3	44	9	4	--	97
TOTAL U.S.	535	35	500	73	3	167	242	487	110	153	123	1,893
TOTAL U.S. Weeks Ended:												
AUG. 12, 1988	355	--	355	101	4	78	170	585	180	187	270	1,930
AUG. 5, 1988	483	35	448	69	3	69	163	475	63	352	65	1,742
JUL. 29, 1988	751	121	630	65	3	73	355	531	215	502*	326	2,821*
AUG. 21, 1987	261	8	253	32	--	--	179	668	53	361	82	1,636

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

07/29/88	PAGE 4	T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	277,442
				TOTAL U.S.	348,313
	PAGE 4	B	TOTAL	PAD DISTRICT 2	80,452
				TOTAL PAD DISTRICTS 1-4	277,442
				TOTAL U.S.	348,313
	PAGE 5		UNFINISHED OIL	DISTRICTS 2-4 TOTAL	369
				TOTAL U.S.	502
			TOTAL	DISTRICTS 2-4 TOTAL	892
				TOTAL U.S.	2,821
08/12/88	PAGE 3		RESIDUAL FUEL	CENTRAL ATLANTIC	12,382
				DISTRICT 1 TOTAL	16,030
				TOTAL U.S.	40,966
				DISTRICTS 1-4	33,545
	PAGE 4	B	TOTAL	PAD DISTRICT 3	164,330
				PAD DISTRICT 4	12,336